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**Subject:** Draft ITC update info you requested -- 03/30/2019  
**Date:** Saturday, March 30, 2019 6:33:00 AM

## Intercontinental Terminals Company (ITC) Fire Morning Update Deer Park, Texas March 30, 2019

- EPA continues to participate in Unified Command with TCEQ, Harris County Pollution Control Services, and ITC.
- As of 7:00 pm on March 29, the Harris County EOC transitioned back to normal operations.
- At 11:20 on March 29, ITC sent out an e-notify to surrounding industry and local officials after a significant benzene detection at the Vo-Pak facility north of the tank farm recommending shelter-in-place. At 1:25, Vo-Pak reported sheltering-in-place. At approximately 3:25 am on March 30, a ITC staging area was evacuated due to elevated benzene levels (0.925). Further monitoring showed non-detection. At approximately 5:00 am on March 30, anyone going north on Independence Parkway, north of the tank farm must have a respirator due to readings above .5 ppm of benzene. Both the tank farm and the Bayou are considered to be the sources of the benzene elevated readings.
- EPA requested the Planning Group/ITC to produce a map correlating the benzene elevated readings north of the channel with known pockets of product in the channel or bayou for potential prioritization of resources.
- A Wildlife Management Plan was developed and signed off by ITC, United States Fish and Wildlife Service (USFWS), Texas Parks and Wildlife Department (TPWD), and Wildlife Response Services on March 29. Several dead turtles were found early on March 30 in an impacted area.
- ITC has requested modification to the Statement of work in the Order issued under the Clean Water Act by EPA on March 23. OSC Adams and EPA Attorney Quinones are working the issue.
- As of midnight on March 29, ITC is reporting that tanks 80-2, 80-3 and 80-14 are complete; they believe 80-15 is also complete but will verify after daybreak; 80-11 is still being pumped out to another tank. Tanks 80-5, 80-6, 80-9, and 80-12 are scheduled next to be opened and emptied. ITC began transferring some product from the secondary containment to the wastewater treatment tanks to help with lowering the levels within the secondary containment.
- Foaming of the secondary containment to prevent reignition and reduce emissions continues as necessary.
- Several entities including Texas Commission on Environmental Quality (TCEQ), EPA, and ITC continue to conduct air monitoring around the tank farm, in adjoining industrial areas, and communities downwind from the facility.
- The Strike Team, comprised of EPA and CTEH were sent to the areas around Channelview (north of the site) due to elevated readings of benzene during the night. Unified Command and Harris County were kept apprised of the readings.
- ITC continued air monitoring on March 29 (midnight to midnight); there were 3,114 VOC readings (693 detections) with and 2,460 benzene readings (670 detections).
- EPA continued mobile air monitoring on March 29 (24 hour) at 54 locations. There were 17 detections, with 5 detections above the action level noted.
- ASPECT did not fly on March 29 due to low cloud cover. ASPECT will evaluate the weather conditions for a potential flight on March 30 at 07:00 am.
- EPA conducted air sampling using the Trace Atmospheric Gas Analyzer (TAGA) on March 29, 2019. The TAGA analyzed the air samples for benzene, toluene and xylene. TAGA monitored down wind of the site and had three (3) locations above the action levels at approximately 2:30 pm, in the vicinity of Jacintoport Boulevard and Sheldon Road. The hits were 0.75; 1.2; and 1.6 ppm of benzene.
- EPA conducted surface water sampling on March 29 at ten sample locations. Samples were collected from upstream the confluence of Buffalo Bayou and the San Jacinto River in the Old River (at River Terrace Park, Channelview, Texas), confluence of Buffalo Bayou and the San Jacinto River (at the shoreline of Juan Sequin Historic Park), in the main channel of the San Jacinto River just upstream the confluence with Buffalo Bayou, and downstream in the San Jacinto River. The surface water samples will be analyzed for PFAS, VOCs, SVOCs, COD, and Oil & Grease.
- TCEQ continued handheld air monitoring on March 29; from 12:00 am to 10:00 approximately 164 readings were taken. No readings above the Unified Command action level were detected.
- Unified Command developed, reviewed, and approved the Incident Action Plan (#8) for the next operational period (which is 48 hours as of this IAP).
- Vacuum truck operations at Tucker Bayou and the outfall ditch continue on 24 hour basis.

### Tank Status as 3:00 am on March 29, 2019

Tank #		Original Volume	Updated Volume	Flow rate	Transfer Method	Status	Notes
80 – 1	Base Oil	48,713 bbls	4,522 bbls			Standby	
80 – 2	Gasoline Blendstock	38,451 bbls	5,437 bbls			Standby	Completed

80 - 3	Gasoline Blendstock	33,200 bbls	5,441 bbls			Standby	
80 - 4	Base Oil	34,808 bbls	7,393 bbls			Standby	
80 - 5	Xylenes	35,502 bbls	6,529 bbls			Standby	
80 - 6	Gasoline Blendstock	48,147 bbls	n/a			Standby	
80 - 7	Py Gas	42,680 bbls	Empty		Submersible pump	Complete	
80 - 8	Naptha	69,482 bbls	9,072 bbls			Standby	
80 - 9	EMPTY	Empty	Empty			Standby	
80 - 10	Py Gas	14,294 bbls	2,207 bbls		Inline System	Complete	
80 - 11	Base Oil	51,741 bbls	42,906 bbls	802 bbl / hour	Inline System	Active	
80 - 12	EMPTY	Empty	Empty			Complete	
80 - 13	Toluene	13,854 bbls	4,237 bbls			Complete	
80 - 14	Py Gas	13,837 bbls	264 bbls		Inline System	Complete	
80 - 15	Py Gas	9,354 bbls	Empty			Complete	

*With Regards, Steve*



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"Frequently, my thoughts get bored and walk down to my mouth. Often, this is a bad thing."